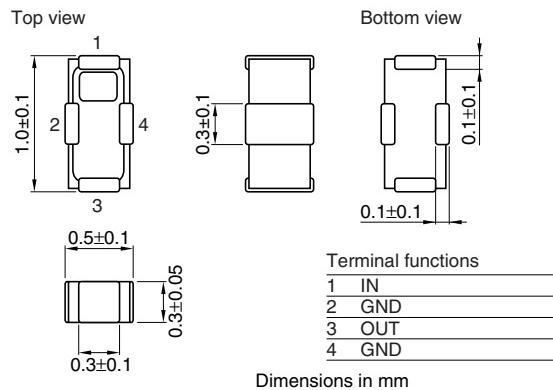


Thin-Film Band Pass Filters For Bluetooth & 2.4GHz W-LAN

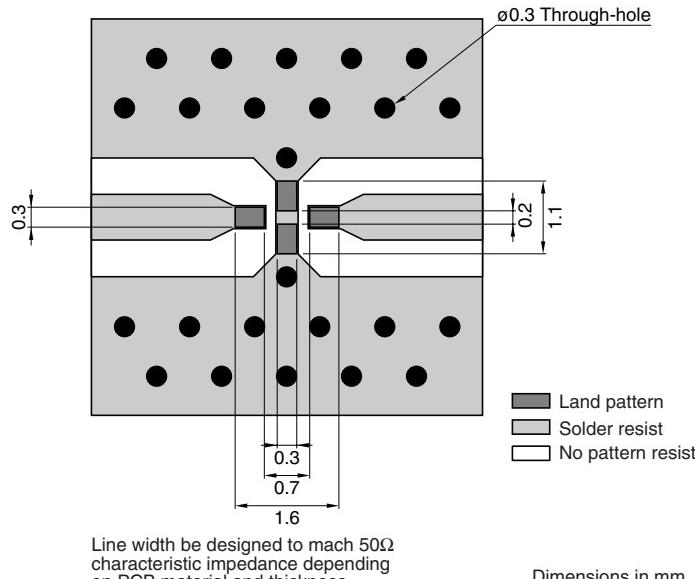
Conformity to RoHS Directive

TFS Series TFSB10052450-1003A1

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item		Minimum value	Typical value	Maximum value
Insertion loss	[2400 to 2500MHz]	(dB)	—	2.8
Return loss	[2400 to 2500MHz]	(dB)	14.0	—
Attenuation	[1900MHz]	(dB)	30	—
	[4800MHz]	(dB)	30	—
	[7200MHz]	(dB)	22	—
Temperature range	Operating	(°C)	—40	+85
	Storage	(°C)	—40	—

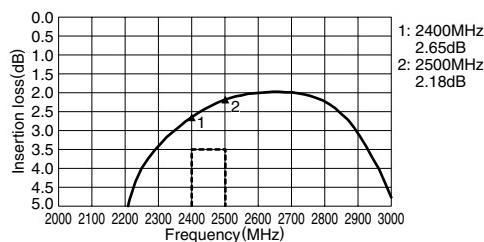
• Ta:+25°C

- Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

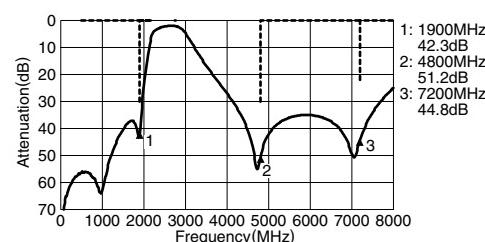
- All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

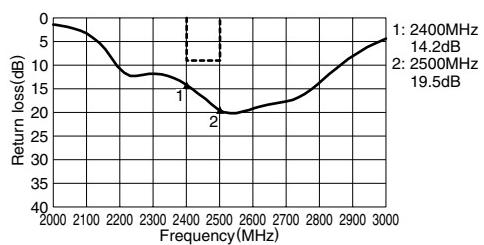
INSERTION LOSS



ATTENUATION



RETURN LOSS



VSWR

